METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR
INSTANTIATING A DEVICE DRIVER FOR COMMUNICATION WITH A
DEVICE BY DYNAMICALLY ASSOCIATING THE DEVICE DRIVER AT RUN-
TIME WITH A DEVICE-SPECIFIC AND/OR SERVICE-SPECIFIC SOFTWARE

5   COMPONENT

ABSTRACT OF THE DISCLOSURE

Embodiments of the present invention provide methods, systems, and
computer program products for instantiating a device driver for communication with a

10   device by dynamically associating the device driver at run-time with a device-specific
software component. For example, in some embodiments, a device driver is
instantiated by dynamically associating a first software component with the device
driver at run-time. The first software component contains information that facilitates
communication with devices of a specific type. In other embodiments, a device driver

15   is instantiated by defining a plurality of device parameters and associating one or more
of the plurality of device parameters with a service. The device parameters that are
associated with the service are then dynamically communicated to the device driver at
run-time.